

# INTERNATIONAL SEARCH REPORT

onal Application No  
PCT/EP2004/012889

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C01B33/02 C01B33/027

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 591 412 A (AIR LIQUIDE) 12 June 1987 (1987-06-12) claims 1,5,6 page 1, lines 7-10 page 4, line 35 - page 5, line 21 page 6, lines 20-32	1-23
A	Y. LI, Y. LIANG, K XIAO, F ZHENG, Z HU: "Preparation of Ultrafine Si Powders from SiH4 by Laser-induced Gas Phase Reaction" JOURNAL OF MATERIALS SCIENCE AND TECHNOLOGY, vol. 11, 1995, pages 71-74, XP009042877 cited in the application the whole document	1-23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

21/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Rhodes, K

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/08795 A (LEE DONG GEUN ; CHOI MAN SOO (KR)) 8 February 2001 (2001-02-08) figures 5,6 page 1, line 6 - page 3, line 7 page 8, lines 19-23 -----	1-23
A	EP 0 214 489 A (HOECHST AG) 18 March 1987 (1987-03-18) column 2, lines 7-19 column 2, line 41 - column 3, line 7 examples -----	1-23
A	J. COSTA, G. SARDIN, J. CAMPMANY, E. BERTRAN: "Preparation of nanoscale amorphous silicon based powder in a square-wave-modulated rf plasma reactor" VACUUM, vol. 45, no. 10, November 1994 (1994-11), pages 1115-1117, XP002314414 cited in the application the whole document -----	1-23
A	H. WIGGERS, R. STARKE, P. ROTH: "Silicon Particle Formation by Pyrolysis of Silane in a Hot Wall Gasphase Reactor" CHEMICAL ENGINEERING AND TECHNOLOGY, vol. 24, no. 3, March 2001 (2001-03), pages 261-264, XP002314415 cited in the application the whole document -----	1-23
A	EP 0 680 384 A (UNITED SOLAR SYSTEMS CORP) 8 November 1995 (1995-11-08) cited in the application claim 1 paragraphs '0023! - '0028! -----	1-23

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2004/012889

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			JP 62152532 A	07-07-1987
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